

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A reverse battery protection circuit comprising:
a first controlled semiconductor switch for providing current to a load and coupled in series with load terminals across which load terminals the load is adapted to be connected; and
a second controlled semiconductor switch disposed in a series circuit with a free wheeling diode, the series circuit being coupled across the load terminals; and
wherein the load terminals comprise a first load terminal switched to the battery positive terminal through the first controlled semiconductor switch and the second load terminal is coupled to the battery negative terminal.
2. (Original) The circuit of claim 1, wherein the second controlled semiconductor switch has a control electrode coupled to a main current carrying electrode of the main switch.
3. (Original) The circuit of claim 1, wherein the semiconductor switches comprise FETs.
4. (Original) The circuit of claim 3, wherein the control electrode of the second controlled semiconductor switch is coupled to the drain of the first controlled semiconductor switch.
5. (Original) The circuit of claim 4, further comprising a zener diode coupled between gate and source of the second controlled semiconductor switch.

6. (Original) The circuit of claim 1, further comprising a driver circuit for the first controlled semiconductor switch.